



London International Youth Science Forum Report

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This year I have been selected to represent DCU at the 63rd annual, London International Youth Science Forum LIYSF. Created after the second World War it was designed to bring people together, to educate and to connect students from all around the world who share a common interest in science. That is exactly what I experienced during my time at LIYSF.


I had the opportunity to be a flag bearer which commenced the opening ceremony, followed by the opening lecture, A life in Science from Nobel Prize winner, James Rothman. He is the sterling professor of cell biology at Yale University and chairs the Yale School of Medicine's Department of Cell Biology. He gave an incredibly insightful lecture. The opening ceremony was a fantastic start to the science forum.

I had the opportunity to attend amazing lectures of a broad range of sciences. Some of which included fusion energy, making medicines using nanotechnology, public health in urban environments and chemical engineering to name a few. Lecture I found most fascinating was delivered by Professor Tollulah Oni. She discussed the impact of climate change and air pollution on human health, with a focus on the African continent as it is the fastest urbanising region in the world today. The lecture focused on finding solutions to this problem and emphasising the importance of equitable access to clean air, safe public space and walkable built environments. I study environmental science and I found this lecture in particular very interesting because it was directly related to my course, but it heavily involved medicine and human health. It was nice to see how the different areas of science are very much interlinked, showing the importance of every aspect of science in modern life.

I attended a number of inspiring and engaging specialist lectures including Vehicle Electrification from David Hudson, Illuminating the Brain from Dr Gemma Bale and atmospheric science; air quality and its impact on human health from Dr Lekan Popoola. Also had the chance to attend debates and discussions from Dr Jason Nurse but also there was a debate held by fellow students at LIYSF.

As well as attending different lectures, I got to visit world class laboratories and established science facilities across the UK. Some of these include the National Space Academy and the British Antarctic survey. I was also able to take a trip to Oxford, where we were given a guided tour and learnt about the history of the astounding University.

As well as the academic side, I also got the opportunity to meet many people during my time at the forum. There were students from 67 different countries around the world. I met amazing people that I am grateful to have shared this experience with them and I have made memories I won't forget.



The two weeks came to an end faster than I had expected. I have gained very valuable experiences and I am grateful to have been in an environment with so many people who also shared the same passion and enthusiasm for science. I would like to thank DCU for the opportunity and the privilege to attend the event this year.